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Galt B
J. White
12-23-02

PATENT
Attorney Docket No. 401484/BRAUN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KNORZER et al.

Application No. 10/009,636

Art Unit: 2834

Filed: December 14, 2001

Examiner: I. Mohandesi

For: ELECTRIC AXIAL FLOW MACHINE

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated September 13, 2002, please enter the following amendments and consider the following remarks.

AMENDMENTS

IN THE SPECIFICATION:

Replace the paragraph beginning at page 1, line 7 with:

B₁

An electric axial flow machine is understood as meaning a motor or generator with a rotor and a stator, in which the magnetic flux between the rotor and the stator is parallel to the axis of rotation of the rotor. Axial flow machines of this type are also known by the designations brushless DC motor, permanent-magnet synchronous motor or disk-armature motor.

Replace the paragraph beginning at page 6, line 7 with:

B₂

According to the invention, the rotor 1 and the machine shaft 2 form a dimensionally stable unit. The ironless disk-shaped rotor 1 has eight permanent magnets 11, which are circumferentially arranged, in a circle, around the machine shaft 2 and are embedded in the fiber-reinforced plastic 12. The fiber-reinforced plastic 12 extends between the permanent

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